

PATENT COOPERATION TREATY

PCT

INTERNATIONAL SEARCH REPORT

(PCT Article 18 and Rules 43 and 44)

Applicant's or agent's file reference 148.6W001	FOR FURTHER ACTION see Notification of Transmittal of International Search Report (Form PCT/ISA/220) as well as, where applicable, item 5 below.	
International application No. PCT/US 01/ 18373	International filing date (day/month/year) 06/06/2001	(Earliest) Priority Date (day/month/year) 05/04/2001
Applicant SIRF TECHNOLOGY, INC.		

This International Search Report has been prepared by this International Searching Authority and is transmitted to the applicant according to Article 18. A copy is being transmitted to the International Bureau.

This International Search Report consists of a total of 3 sheets.

It is also accompanied by a copy of each prior art document cited in this report.

1. Basis of the report

- a. With regard to the **language**, the international search was carried out on the basis of the international application in the language in which it was filed, unless otherwise indicated under this item.
 - the international search was carried out on the basis of a translation of the international application furnished to this Authority (Rule 23.1(b)).
- b. With regard to any **nucleotide and/or amino acid sequence** disclosed in the international application, the international search was carried out on the basis of the sequence listing :
 - contained in the international application in written form.
 - filed together with the international application in computer readable form.
 - furnished subsequently to this Authority in written form.
 - furnished subsequently to this Authority in computer readable form.
 - the statement that the subsequently furnished written sequence listing does not go beyond the disclosure in the international application as filed has been furnished.
 - the statement that the information recorded in computer readable form is identical to the written sequence listing has been furnished

2. **Certain claims were found unsearchable** (See Box I).

3. **Unity of invention is lacking** (see Box II).

4. With regard to the **title**,

- the text is approved as submitted by the applicant.
- the text has been established by this Authority to read as follows:

5. With regard to the **abstract**,

- the text is approved as submitted by the applicant.
- the text has been established, according to Rule 38.2(b), by this Authority as it appears in Box III. The applicant may, within one month from the date of mailing of this international search report, submit comments to this Authority.

6. The figure of the **drawings** to be published with the abstract is Figure No.

- as suggested by the applicant.
- because the applicant failed to suggest a figure.
- because this figure better characterizes the invention.

1

None of the figures.

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International Application No

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A. CLASSIFICATION OF SUBJECT MATTER
IPC 7 G01S5/14

According to International Patent Classification (IPC) or to both national classification and IPC

B. FIELDS SEARCHED

Minimum documentation searched (classification system followed by classification symbols)
IPC 7 G01S H04B

Documentation searched other than minimum documentation to the extent that such documents are included in the fields searched

Electronic data base consulted during the international search (name of data base and, where practical, search terms used)

EPO-Internal, WPI Data, PAJ, INSPEC

C. DOCUMENTS CONSIDERED TO BE RELEVANT

Category °	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
①	<p>X EP 0 957 370 A (NORTEL NETWORKS CORP) 17 November 1999 (1999-11-17) abstract; figures 4,11 <i># state dehrinher</i> column 8, line 52 - line 58 column 11, line 39 - line 53 column 12, line 31 - line 40 column 13, line 35 -column 14, line 6 column 16, line 40 - line 46 column 23, line 28 - line 51 column 27, line 34 - line 45 ---</p>	1-4, 21
②	<p>X WO 99 47943 A (QUALCOMM INC) 23 September 1999 (1999-09-23) abstract; figures 1,2,6 page 5, line 23 -page 6, line 1 page 15, line 15 -page 16, line 18 ---</p> <p>-/-</p>	1,2, 21

 Further documents are listed in the continuation of box C. Patent family members are listed in annex.

° Special categories of cited documents :

- °A° document defining the general state of the art which is not considered to be of particular relevance
- °E° earlier document but published on or after the international filing date
- °L° document which may throw doubts on priority claim(s) or which is cited to establish the publication date of another citation or other special reason (as specified)
- °O° document referring to an oral disclosure, use, exhibition or other means
- °P° document published prior to the international filing date but later than the priority date claimed

- °T° later document published after the international filing date or priority date and not in conflict with the application but cited to understand the principle or theory underlying the invention
- °X° document of particular relevance; the claimed invention cannot be considered novel or cannot be considered to involve an inventive step when the document is taken alone
- °Y° document of particular relevance; the claimed invention cannot be considered to involve an inventive step when the document is combined with one or more other such documents, such combination being obvious to a person skilled in the art.
- °&° document member of the same patent family

Date of the actual completion of the international search

11 April 2002

Date of mailing of the international search report

17/04/2002

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INTERNATIONAL SEARCH REPORT

International Application No

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C.(Continuation) DOCUMENTS CONSIDERED TO BE RELEVANT

Category	Citation of document, with indication, where appropriate, of the relevant passages	Relevant to claim No.
(3) X	WO 99 44073 A (ERICSSON INC) 2 September 1999 (1999-09-02) abstract; figure 1 page 8, line 13 -page 9, line 16 page 18, line 7 - line 13 ----	1,21
(4) A	WO 99 66342 A (ERICSSON INC) 23 December 1999 (1999-12-23) abstract; figures 1-3 page 3, line 6 - line 21 page 9, line 24 -page 10, line 8 page 7, line 30 -page 8, line 28 -----	1,21

INTERNATIONAL SEARCH REPORT

Information on patent family members

International Application No

PCT/US 01/18373

Patent document cited in search report		Publication date		Patent family member(s)	Publication date
EP 0957370	A	17-11-1999	US EP	6249245 B1 0957370 A1	19-06-2001 17-11-1999
WO 9947943	A	23-09-1999	US AU BR CA CN EP FI HU NO WO US	6081229 A 3087999 A 9908819 A 2323625 A1 1300370 T 1064562 A1 20001897 A 0102510 A2 20004620 A 9947943 A1 6353412 B1	27-06-2000 11-10-1999 28-11-2000 23-09-1999 20-06-2001 03-01-2001 17-11-2000 28-11-2001 02-11-2000 23-09-1999 05-03-2002
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WO 9966342	A	23-12-1999	AU BR CN EP WO	4200899 A 9911303 A 1312913 T 1095292 A1 9966342 A1	05-01-2000 13-03-2001 12-09-2001 02-05-2001 23-12-1999